

FIG.1

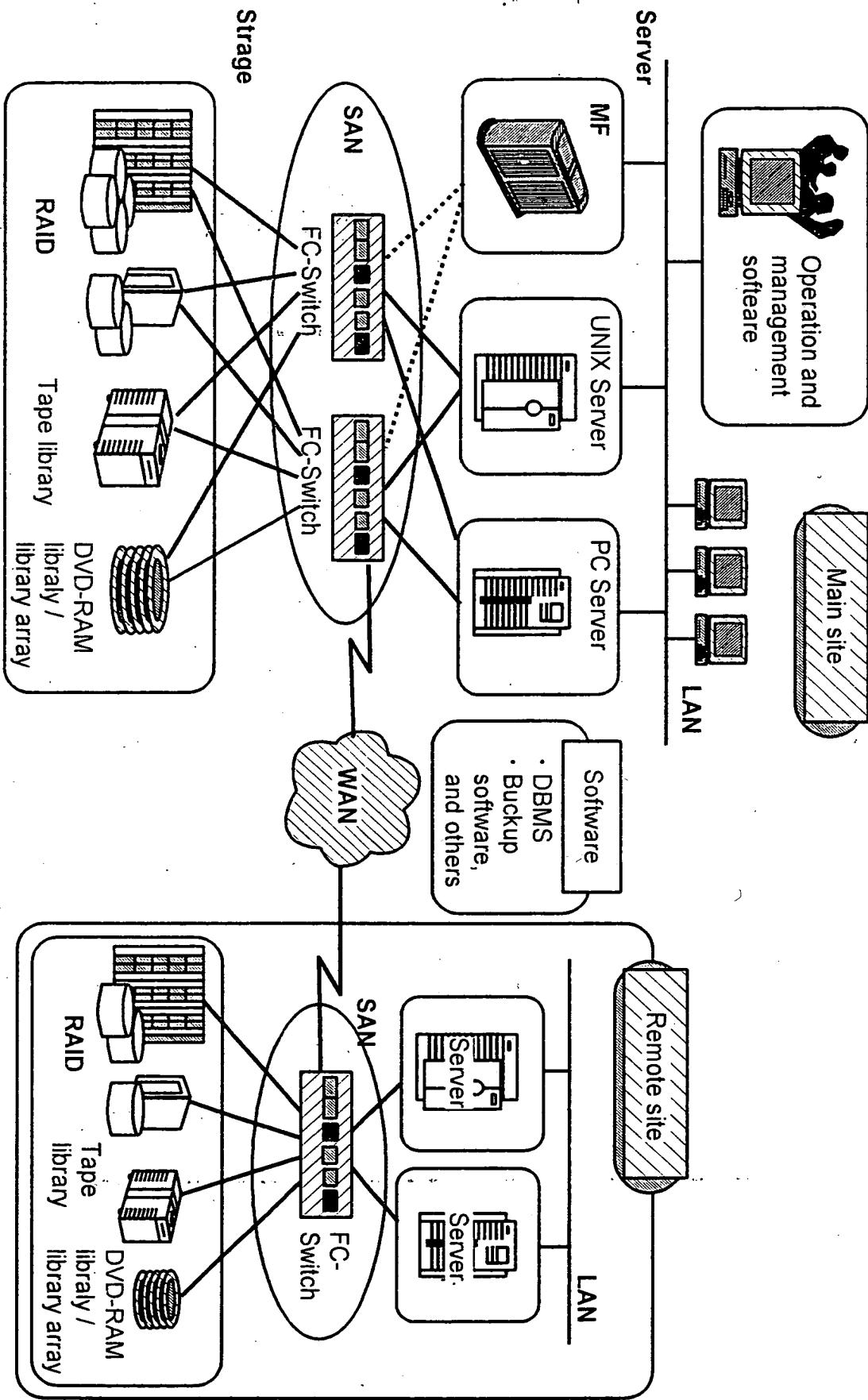


FIG.2

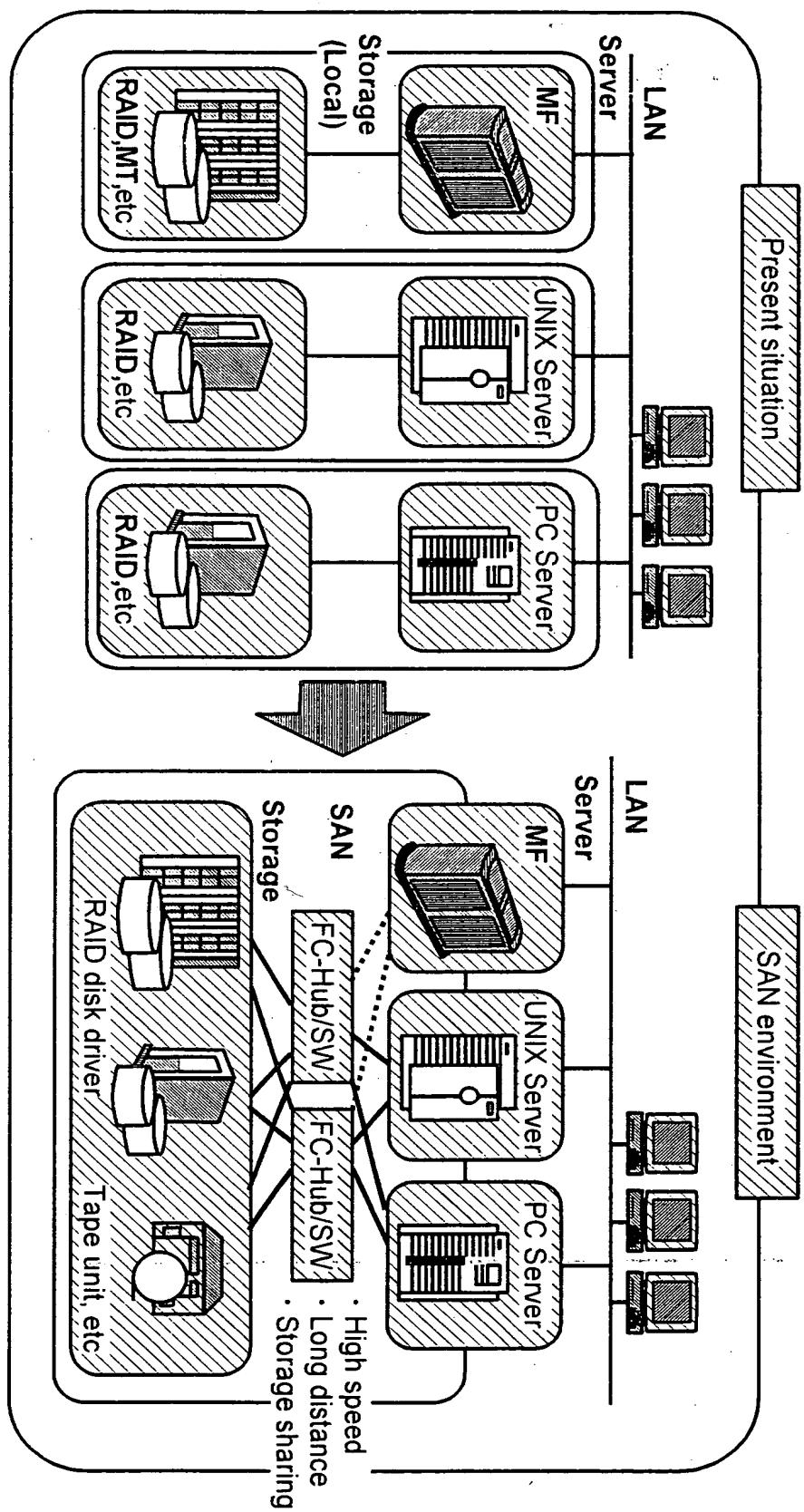


FIG.3

Primary Functions of Integrated Storage System

- Data protection (failure measures, disaster measures)
 - Backup (measures against failures in disk drives)
 - Disaster recovery (measures against disasters such as an earthquake and fire)
- Data Sharing (data sharing)
 - Data exchange and sharing among main frames, UNIX server, and NT servers
 - Processing many kinds of information (DB, documents, drawings, multimedia contents, etc.)
- Storage Management (storage resource management)
 - Unified management of storage resources that multiple departments manage and operate separately
 - Environment set-up and storage operation / management by standardized operations

FIG.4

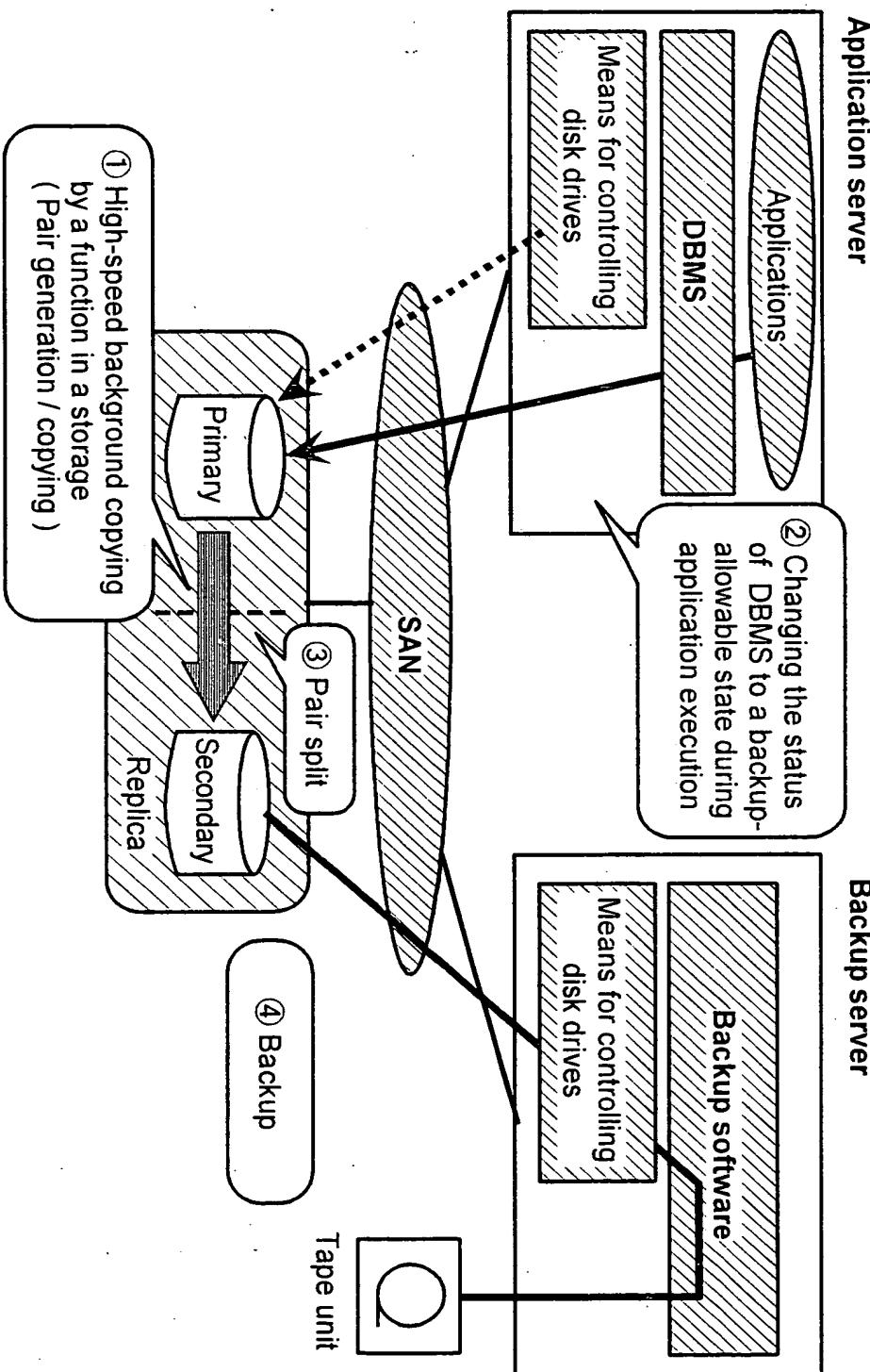
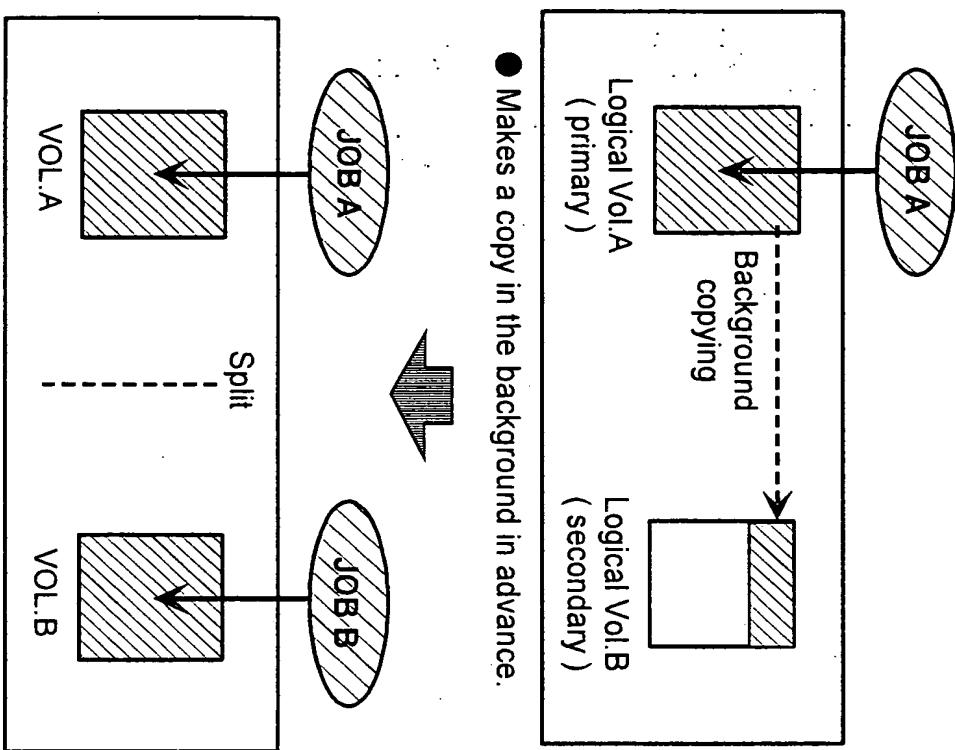
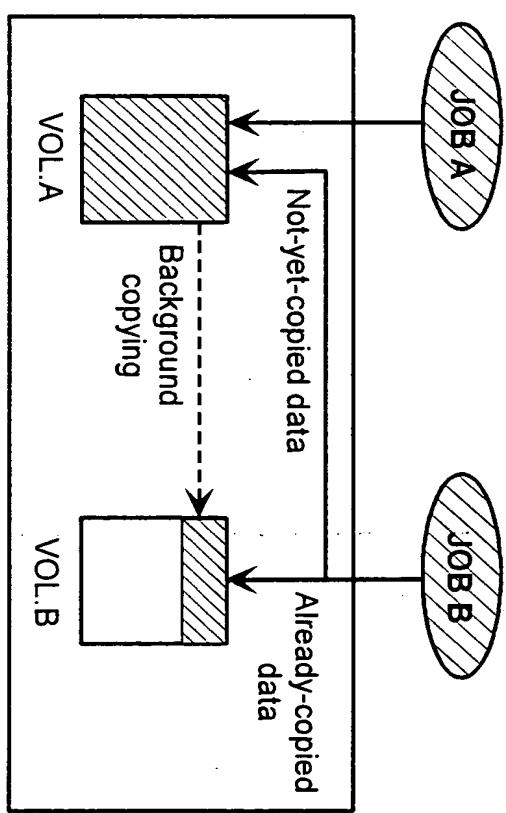


FIG. 5a



- Makes a copy in the background in advance.

FIG. 5b



- Apparently, the secondary volume is split immediately and is available for another job to use.
- Actual data is copied from the primary volume in the background.

FIG.6

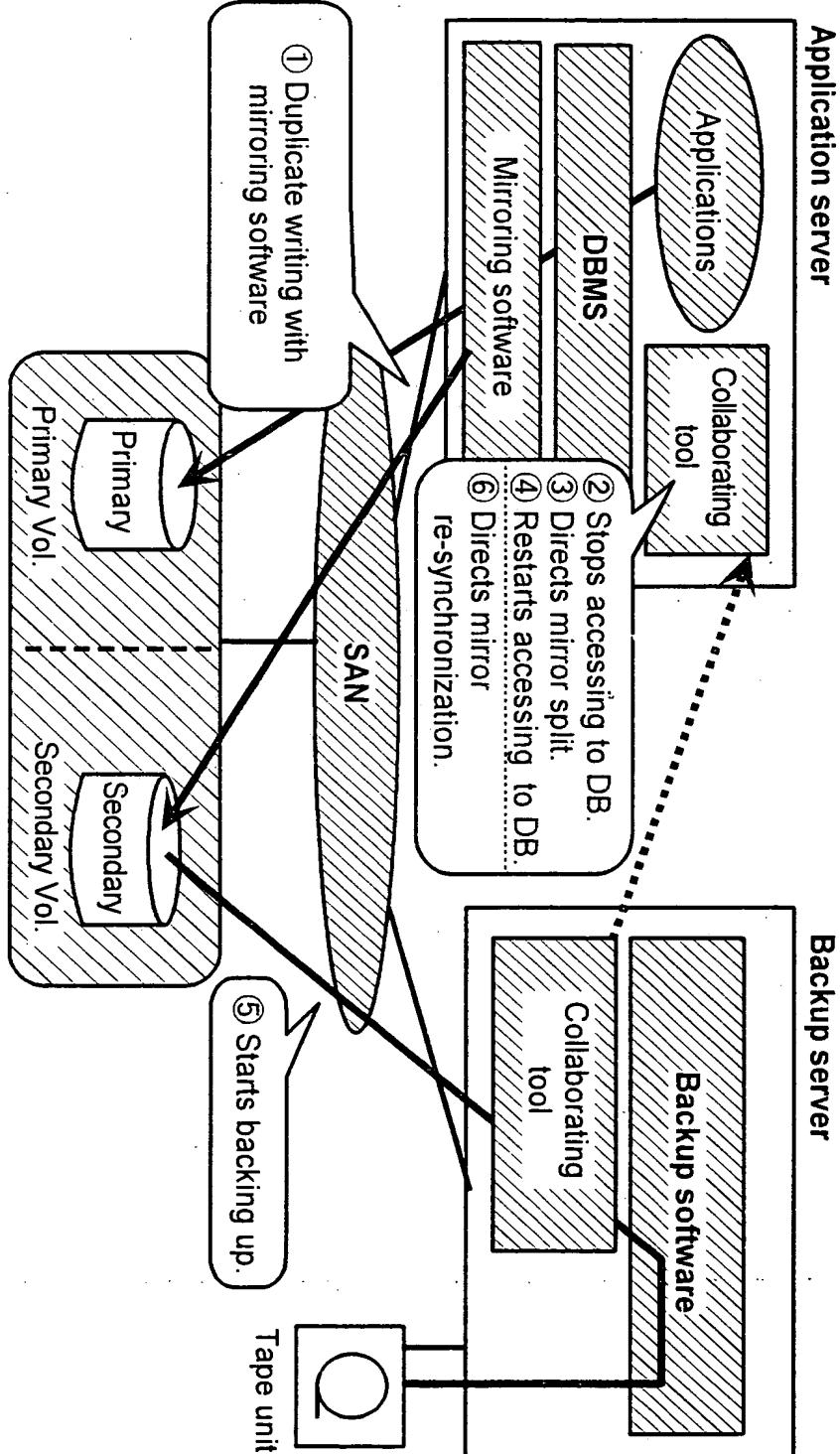


FIG.7

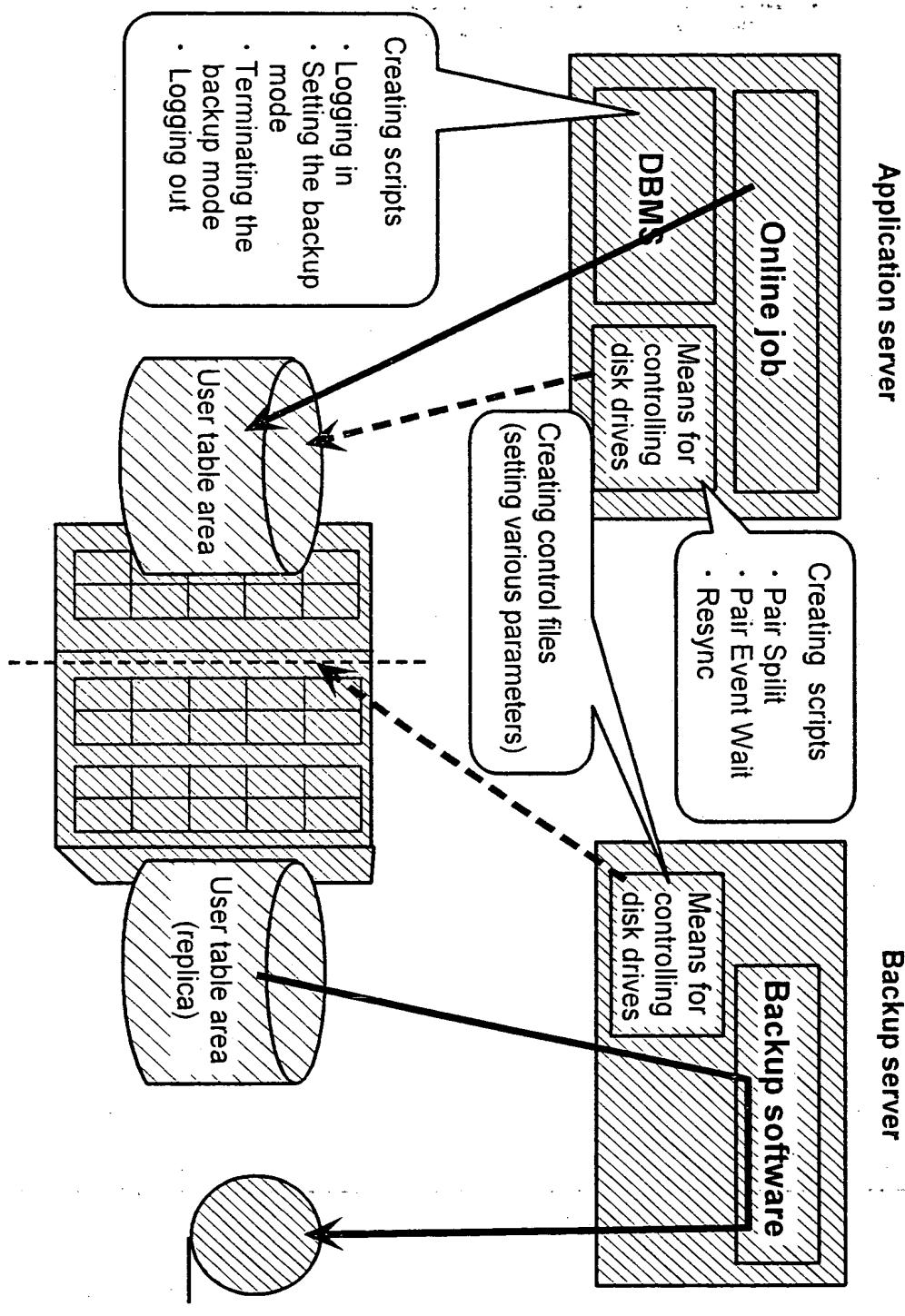


FIG.8

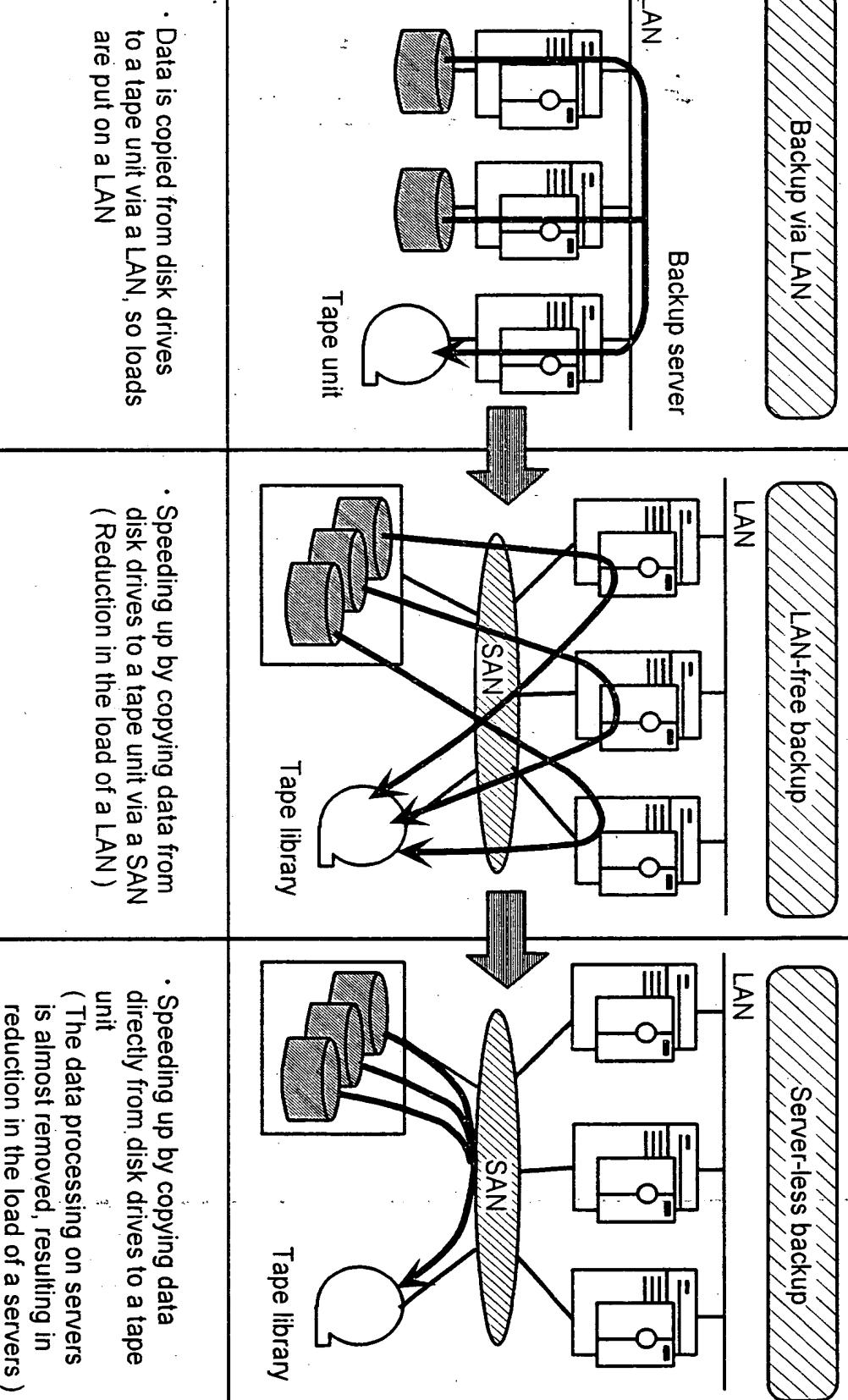


FIG.9

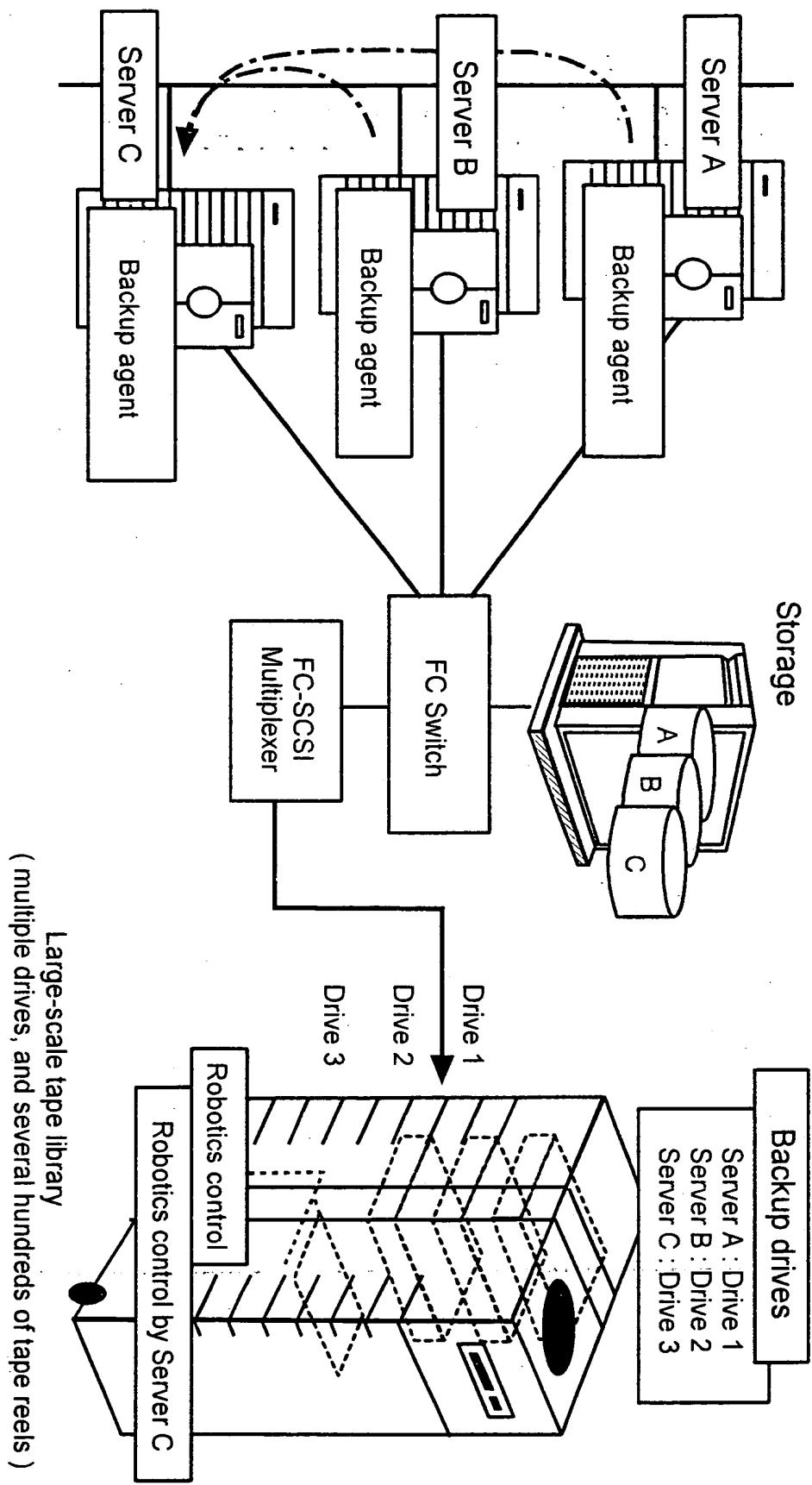


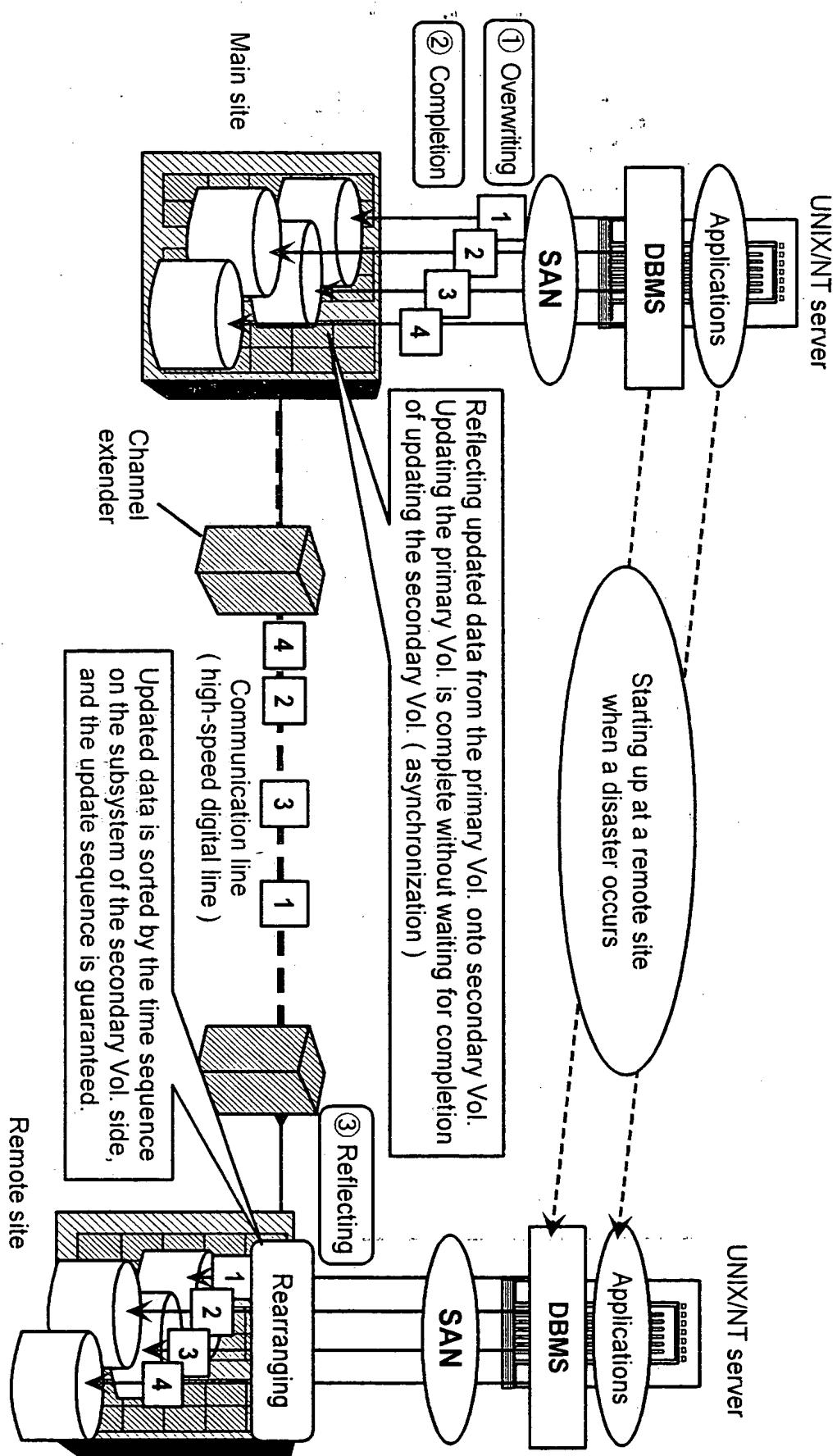
FIG. 10

FIG. 11

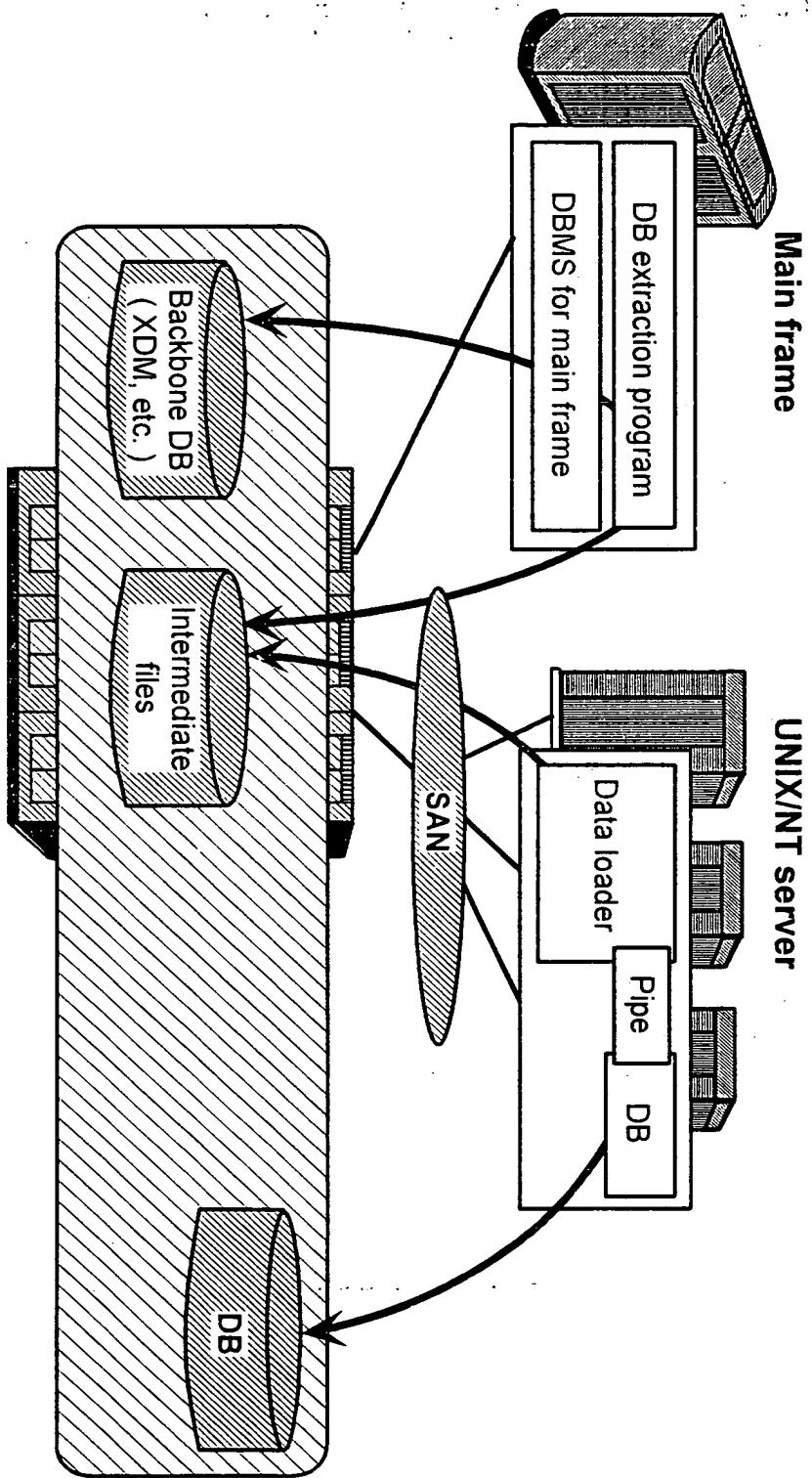


FIG. 12

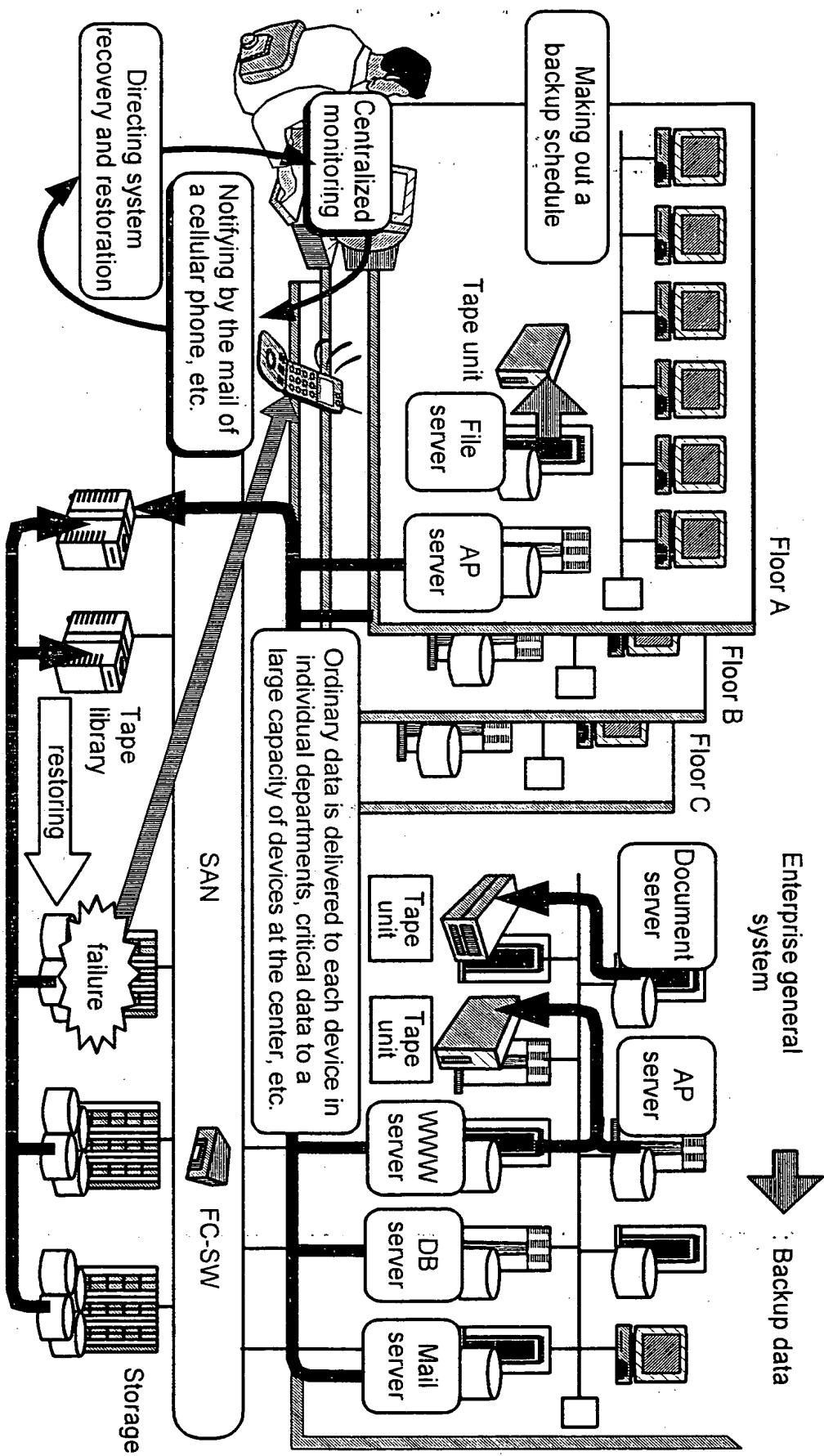


FIG.13

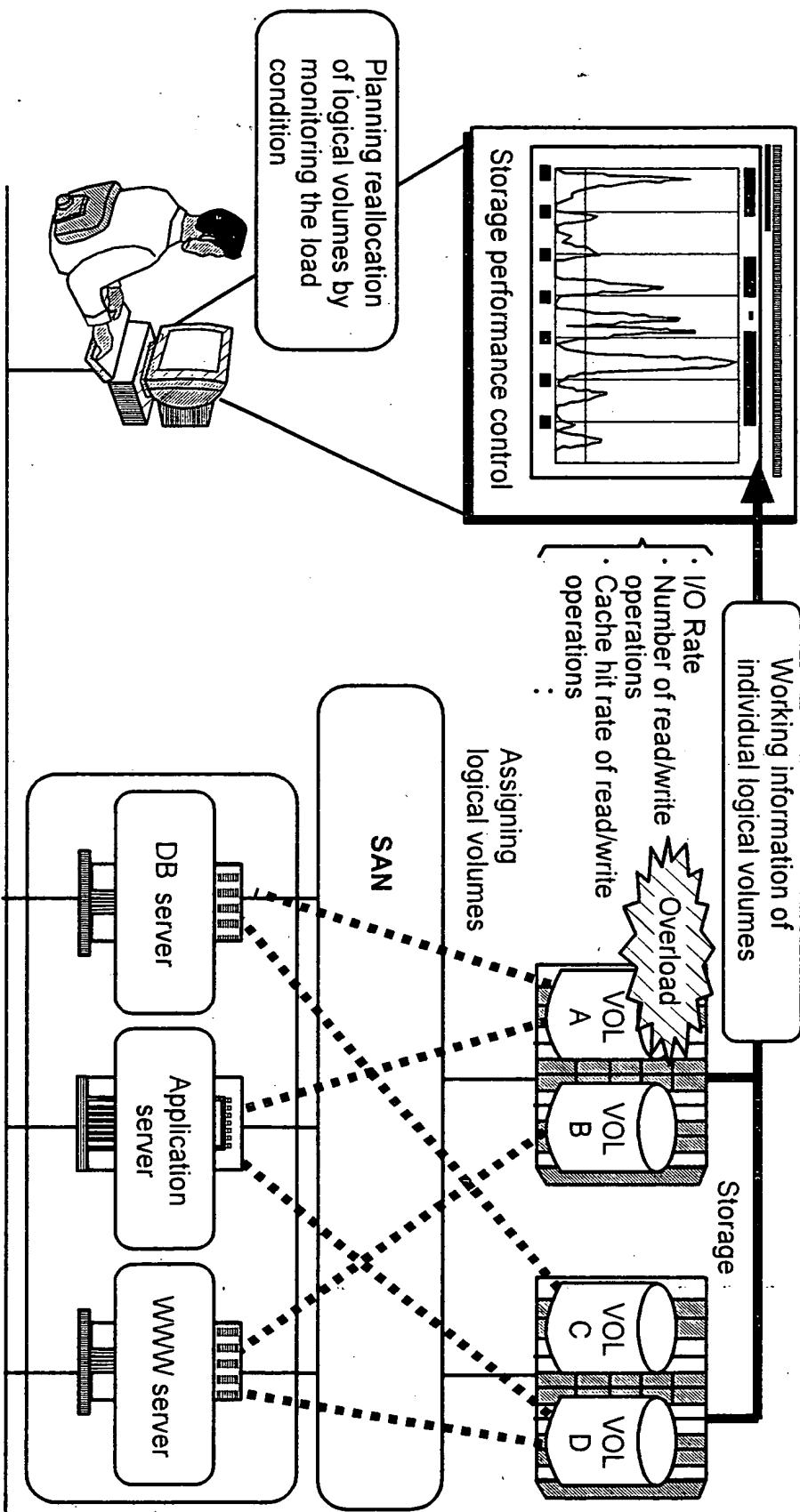
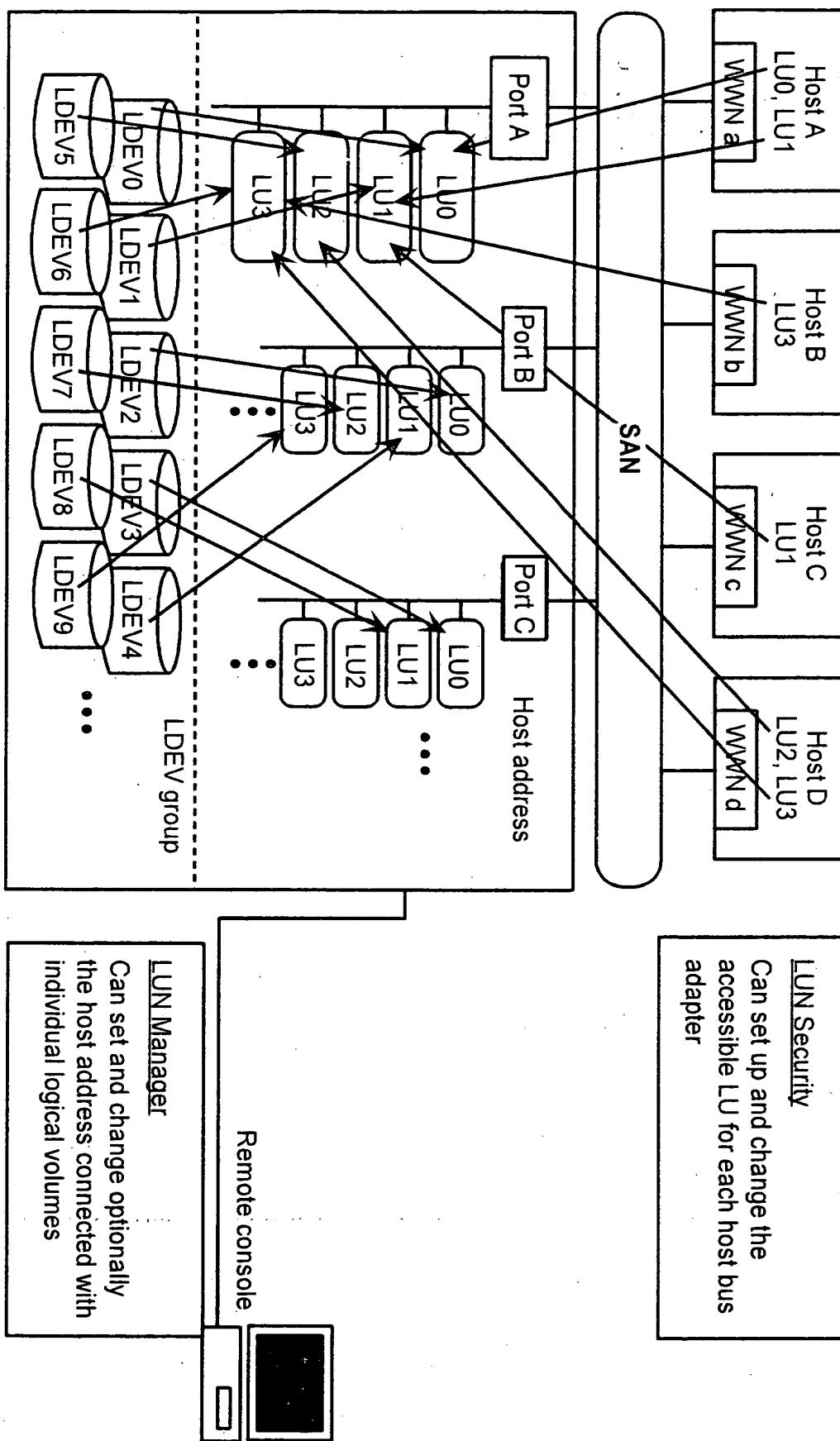
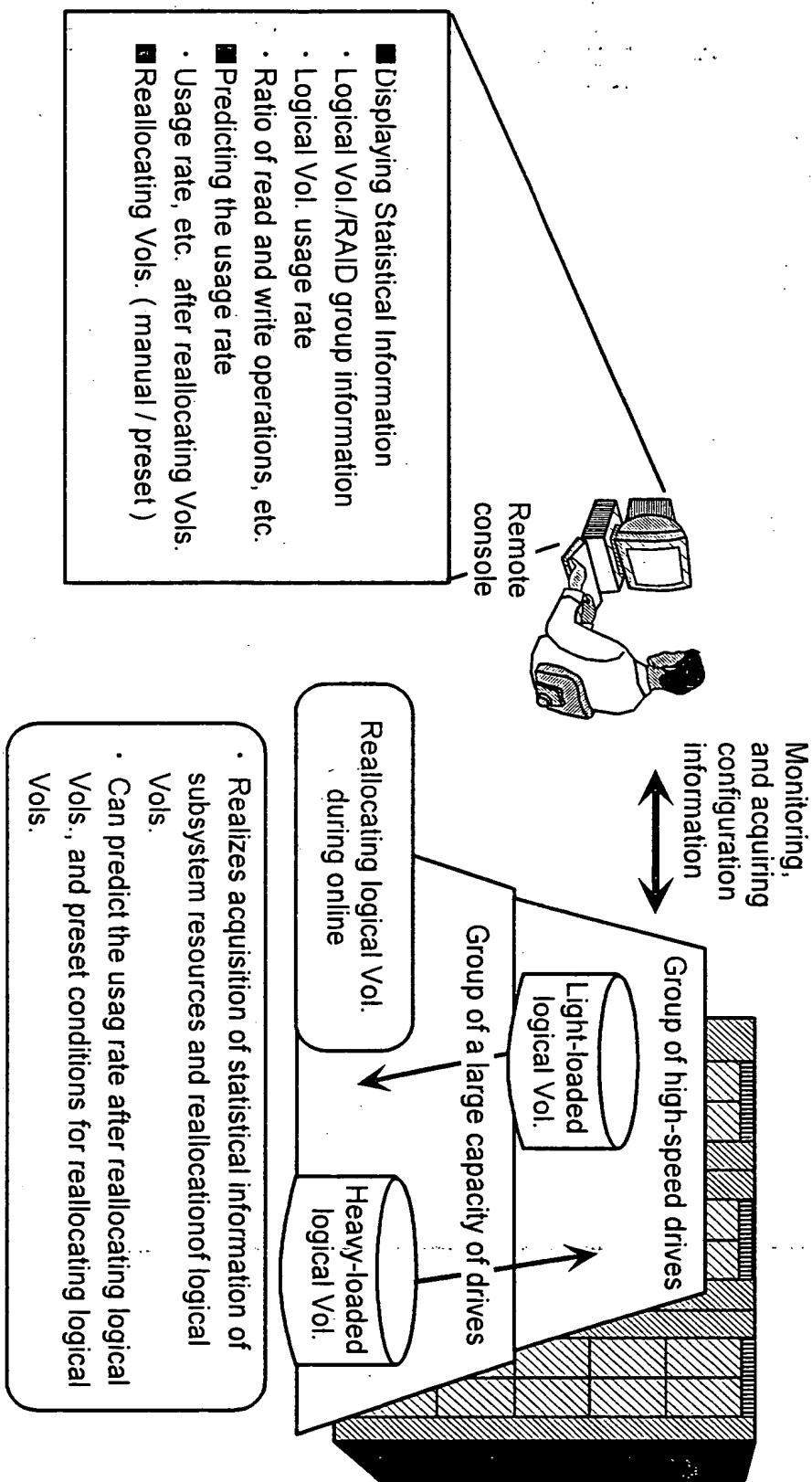


FIG.14



LUN : Logical Unit Number, LDEV : Logical device management logical volume

FIG. 15



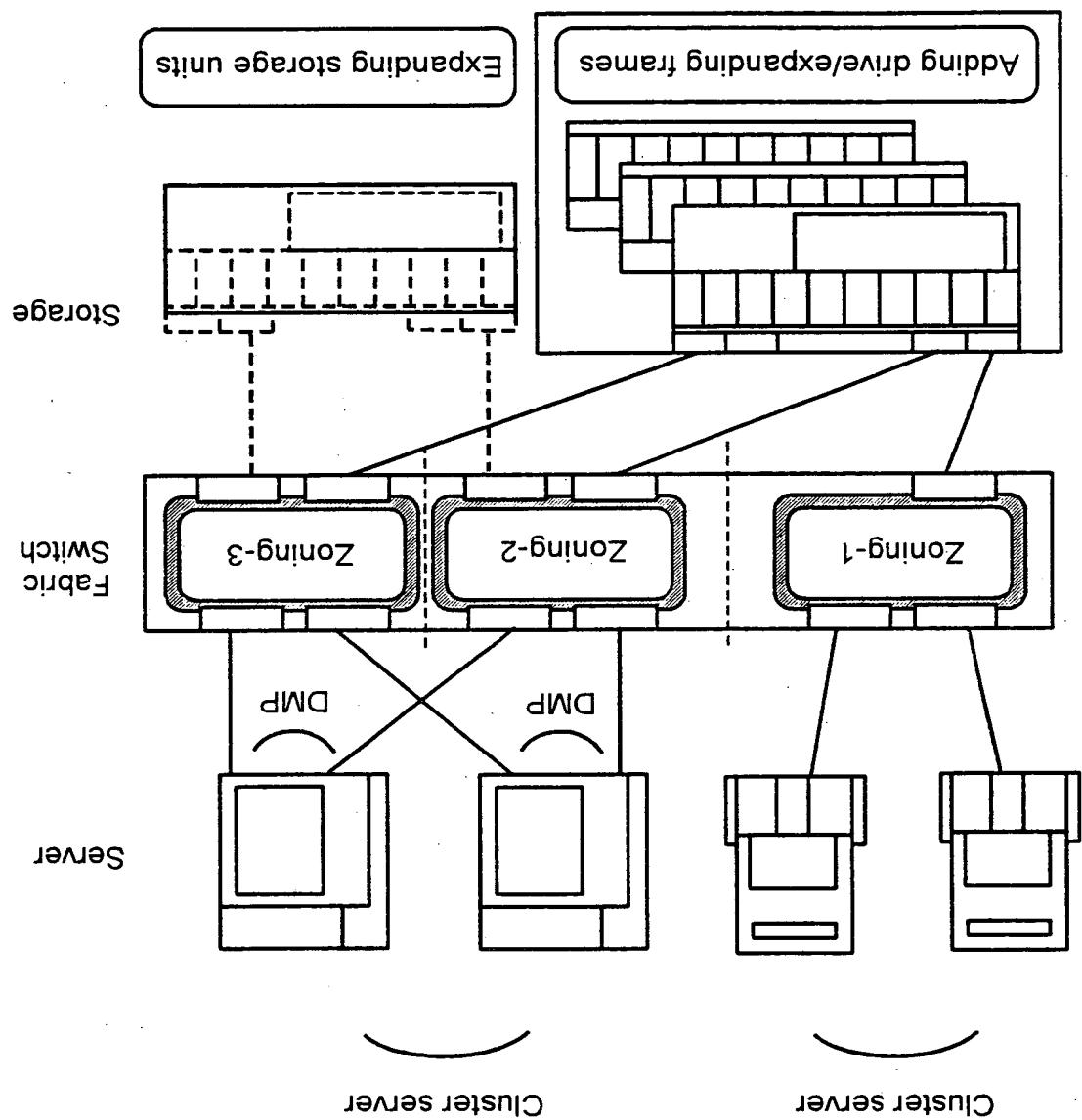


FIG.16

006250-0503030

FIG. 17

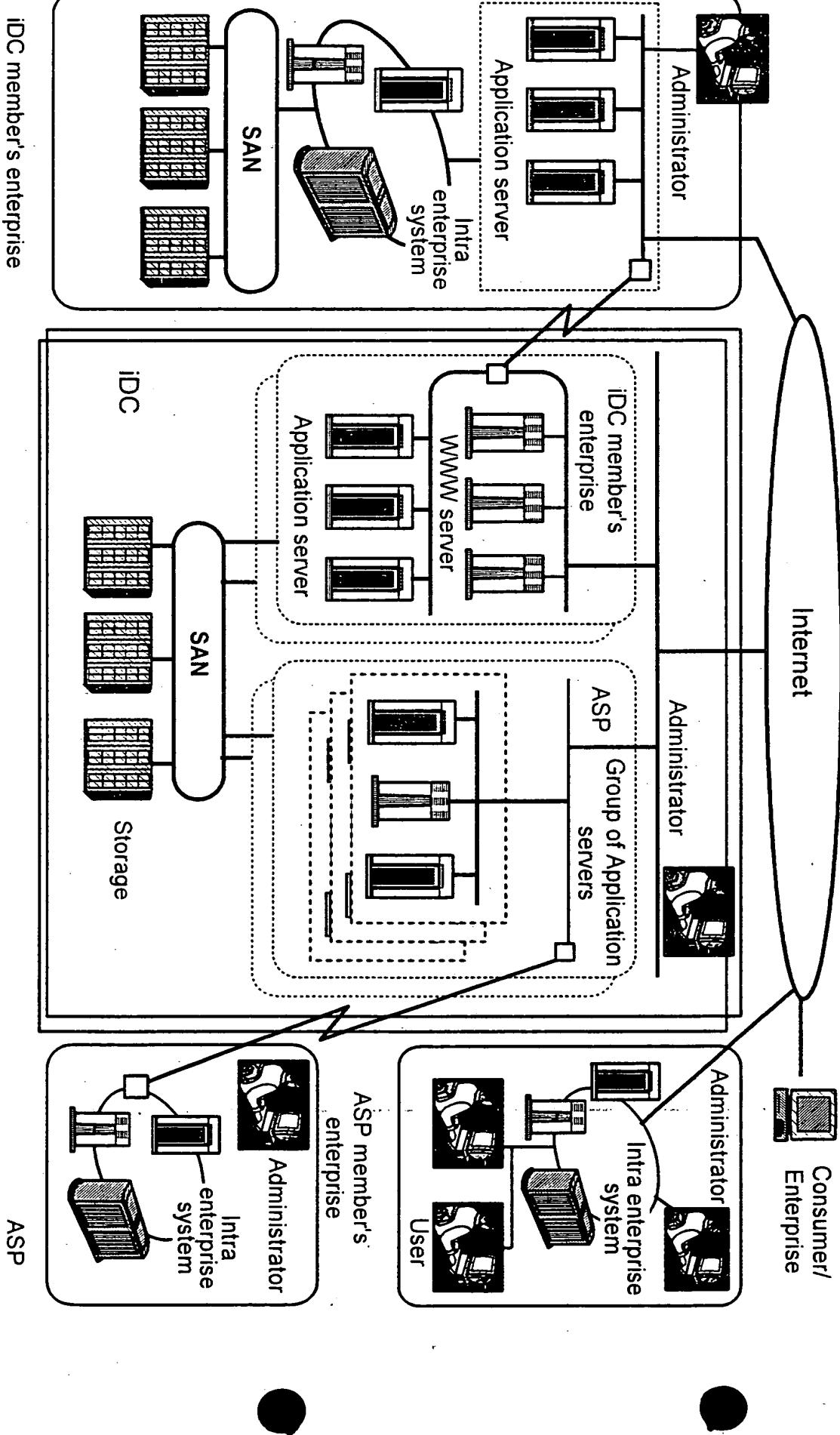


FIG.18

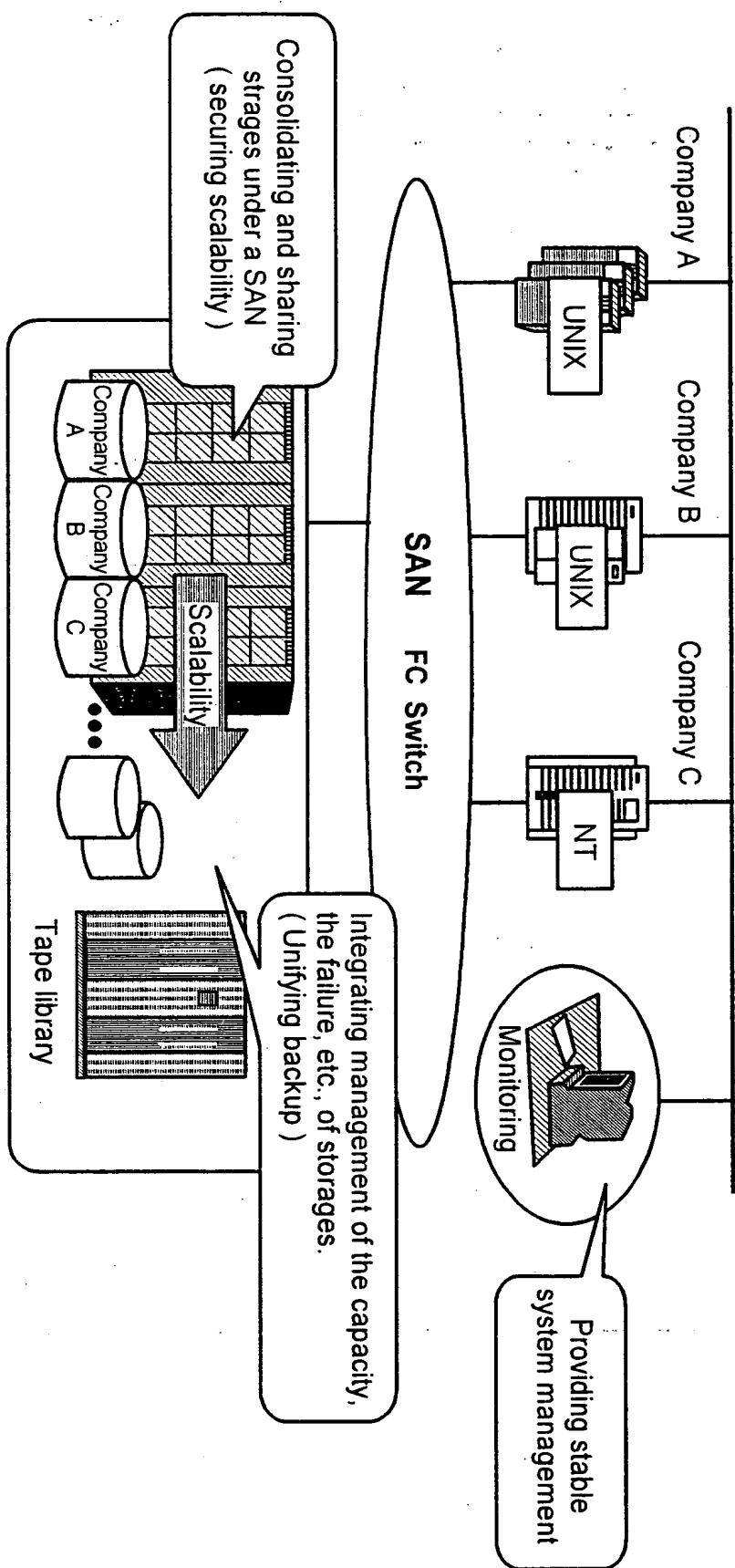


FIG. 19

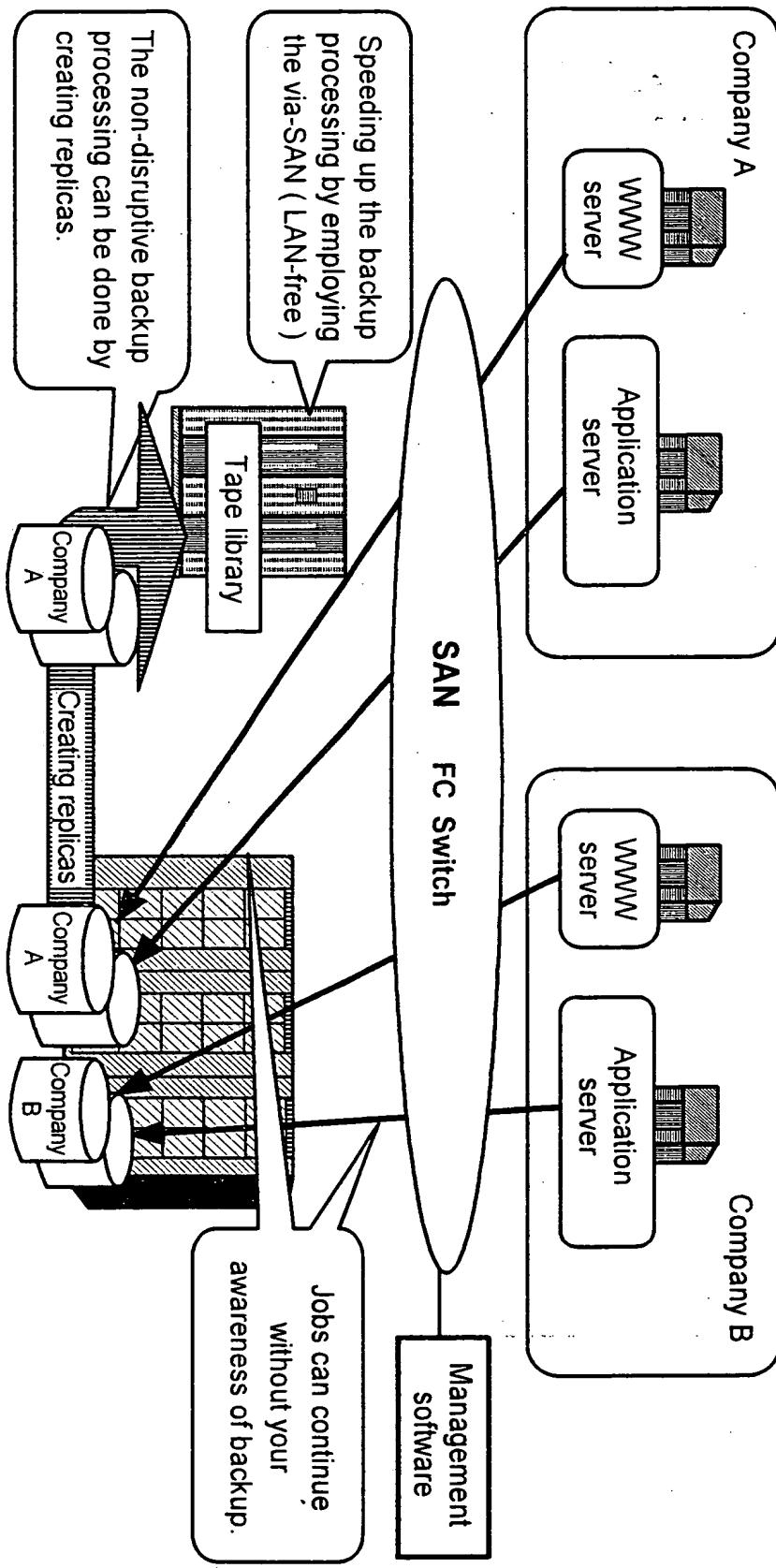


FIG.20

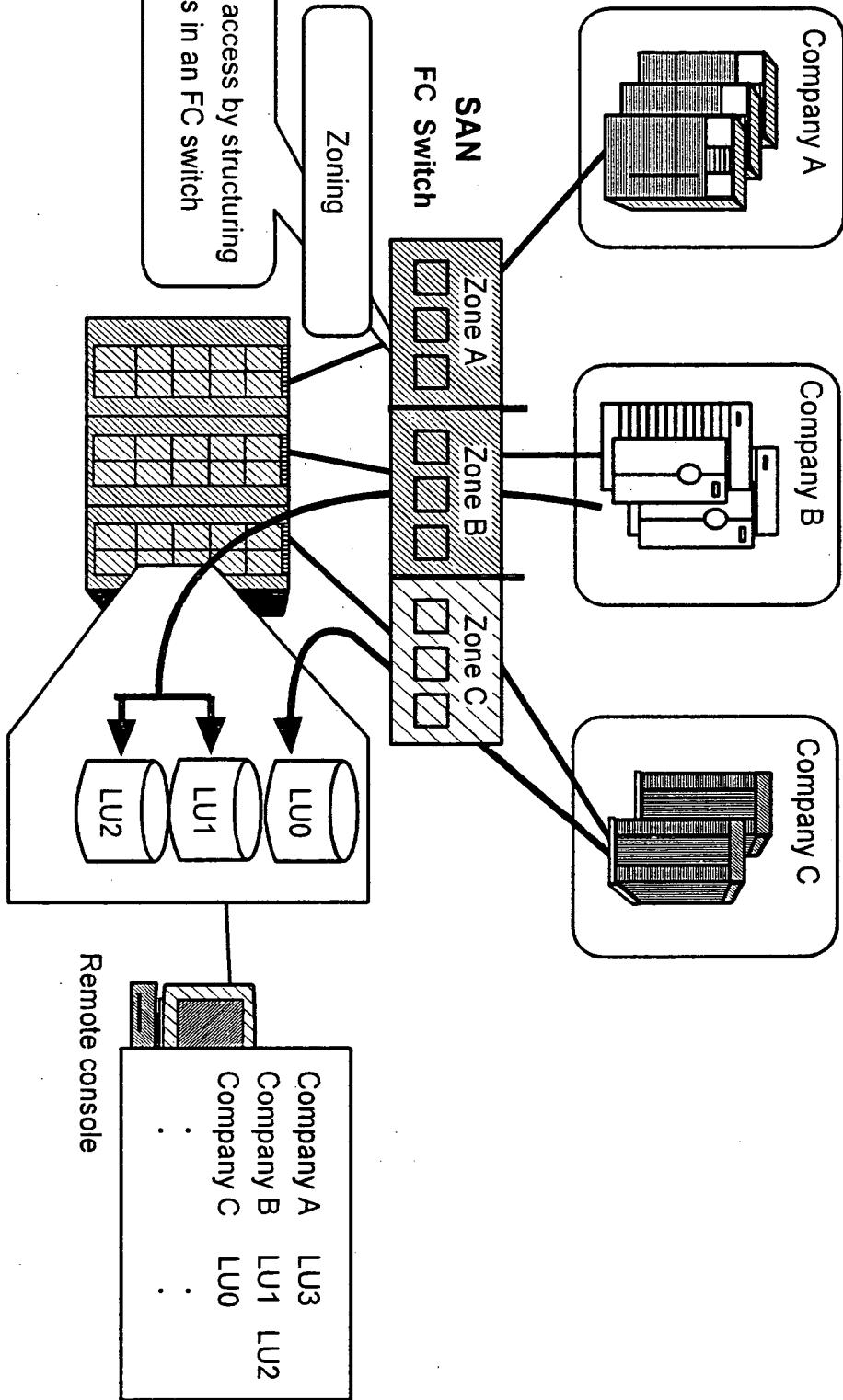


FIG.21